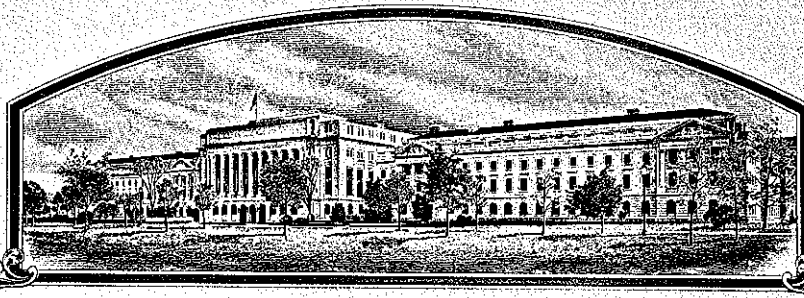


No.

7800066



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Musser Seed Co., Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE
Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *seventeen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT 542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SQUASH

'Black Magic'



In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 27th day of November in the year of our Lord one thousand nine hundred and seventy-nine

Attest:

Bernard H. Lee
Commissioner

Plant Variety Protection Office
Grain Division
Agricultural Marketing Service

W. B. Bly
Secretary of Agriculture

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, POULTRY, GRAIN & SEED DIVISION

FORM APPROVED
OMB NO. 40-R3822

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

INSTRUCTIONS: See Reverse.

No certificate for plant variety protection may be issued unless a completed application form has been received (5 U.S.C. 553).

1a. TEMPORARY DESIGNATION OF VARIETY 77-2169		1b. VARIETY NAME BLACK MAGIC ^{R/S} 8/6/79		FOR OFFICIAL USE ONLY PV NUMBER 7800066	
2. KIND NAME Squash		3. GENUS AND SPECIES NAME Curcubita Pepo		FILING DATE 5-11-78	
4. FAMILY NAME (BOTANICAL) Cucurbitaceae		5. DATE OF DETERMINATION 1977		TIME 10:30 A.M.	
6. NAME OF APPLICANT(S) Charter Research, Inc.		7. ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) P.O. Box YY Twin Falls, Idaho 83301		FEE RECEIVED \$ 500.00 \$ 250.00	
9. IF THE NAMED APPLICANT IS NOT A PERSON, FORM OF ORGANIZATION: (Corporation, partnership, association, etc.) Corporation		10. IF INCORPORATED, GIVE STATE AND DATE OF INCORPORATION Idaho April, 1974		8. TELEPHONE AREA CODE AND NUMBER 1-802-734-7100	
11. DATE OF INCORPORATION April, 1974		12. NAME AND MAILING ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS: Dr. Paul H. Yorty c/o Charter Research, Inc., P.O. Box YY/Twin Falls, Idaho 83301 MUSSEY SEED CO., INC., P.O. BOX 1406, TWIN FALLS, IDAHO 83301			

13. CHECK BOX BELOW FOR EACH ATTACHMENT SUBMITTED:

☒ 13A. Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)

☒ 13B. Exhibit B, Novelty Statement.

☒ 13C. Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.)

☒ 13D. Exhibit D, Additional Description of the Variety.

14a. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a). (If "Yes," answer 14B and 14C below.) ☐ YES ☒ NO

14b. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? ☐ YES ☒ NO

14c. IF "YES," TO 14B, HOW MANY GENERATIONS OF PRODUCTION BEYOND BREEDER SEED? ☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

15a. DID THE APPLICANT(S) FILE FOR PROTECTION OF THIS VARIETY IN OTHER COUNTRIES? ☐ YES ☒ NO (If "Yes," give name of countries and dates.)

15b. HAVE RIGHTS BEEN GRANTED THIS VARIETY IN OTHER COUNTRIES? ☐ YES ☒ NO (If "Yes," give name of countries and dates.)

16. DOES THE APPLICANT(S) AGREE TO THE PUBLICATION OF HIS/HER (THEIR) NAME(S) AND ADDRESS IN THE OFFICIAL JOURNAL? ☒ YES ☐ NO

17. The applicant(s) declare(s) that a viable sample of basic seed of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

5-30-78
(DATE)

Paul H. Yorty
(SIGNATURE OF APPLICANT)

INSTRUCTIONS

GENERAL: Send an original copy of the application and exhibits, at least 2,500 viable seeds, and \$500 fee (\$250 filing fee and \$250 examination fee) to U.S. Dept. of Agriculture, Agricultural Marketing Service, Livestock, Poultry, Grain and Seed Division, Plant Variety Protection Office, National Agricultural Library Building, Beltsville, Maryland 20705. (See section 180.175 of the Regulations and Rules of Practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

- 5 Give the date the applicant determined that he had a new variety based on (1) the definition in section 41(a) of the Act and (2) the date a decision was made to increase the seed.
- 13a Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method; (2) the details of subsequent stages of selection and multiplication; (3) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4) evidence of uniformity and stability.
- 13b Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties: (1) identify these varieties and state all differences objectively; (2) attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.
- 13c Fill in the Exhibit C, Objective Description form, for all characteristics for which you have adequate data.
- 13d Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe, such as, plant habit, plant color, disease resistance, etc.
- 14a If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled, his decision published, or the certificate has been issued. However, if the applicant specified "NO," he may change his choice. (See section 180.16 of the Regulations and Rules of Practice.)
- 15a See section 42 of the Plant Variety Protection Act and section 180.7 of the Regulations and Rules of Practice.



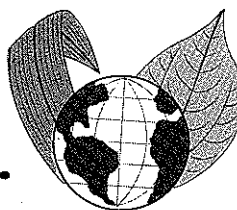
7800066

EXHIBIT A -- Origin and Breeding History of the Variety

This variety was developed by inbreeding and selecting Blackjack F_1 up to, and including the F_7 generation. The F_2 seed was obtained from the Spring 1974 greenhouse for field planting. Approximately 100 plants were selfed in the field in 1974 by hand-pollination using procedures which eliminated contamination by bees and insects. Five of the best selections were field planted in 1975 for further selection. Several of these 1975 field selections were planted in our research greenhouse in the Fall of 1975. Their progeny were planted in the Spring 1976 greenhouse, thereby providing 2 generations of further inbreeding and limited selection beyond the field selections. Approximately 25 plants of each of 6 selected lines were field planted in 1976 and again selfed for further selection. In 1977, approximately 100 plants from each of the 3 best 1976 field selections were field planted for seed increases. The experimental line #77-2169 was selected as the basis of this new variety since its fruit shape was slightly superior to the other 2 lines. Plants of this line were very uniform with only a slight variation in fruit straightness. Although this slight fruit shape variation was considered normal environmental variation, only seed of the best plants was bulked. This breeder seed will be further increased by open-pollination in an isolated seed field. '77-2169' WAS NAMED 'BLACK MAGIC'.

RJS 8/6/79

CHARTER RESEARCH, INC.



P.O. BOX YY
TWIN FALLS, IDAHO 83301 U.S.A.
TELEPHONE 208-734-7100
TWX-910-977-5923

Seedsman

May 30, 1978

EXHIBIT A - Evidence of uniformity & stability of (77-2169) *'BLACK MAGIC'*
in addition to that information previously provided. *Rfs 8/6/79*

No off-types were found in the 1977 field increase of 52 selfed, hand-pollinated plants, either for plant or fruit characteristics. No attempt was made to eliminate plant off types during the thinning operation and none were ever found.

In addition, 62 plants were grown from 3 selfed progenies of *'BLACK MAGIC'* *'77-2169'* (see diagram below) and all plants were very uniform both within and between these progenies when grown under winter greenhouse conditions which are not conducive to uniform growth. The slightly earlier flowering of progeny 78-2010 could be due either to sample variation, a possibly warmer location within the greenhouse, or both.

	Progeny 78-2008	Progeny 78-2009	Progeny 78-2010
No. of plants	24	24	14
Ave. male flowering date	2-18-78	2-18-78	2-16-78
Ave. female flowering date	2-21-78	2-21-78	2-19-78
Plant Uniformity	excellent	excellent	excellent
Fruit Uniformity	excellent	excellent	excellent

Sincerely,

CHARTER RESEARCH, INC.

Paul H. Yorty
Paul H. Yorty



A BETTER WAY TO GROW THROUGH RESEARCH
Research Geneticist

PHY:es

EXHIBIT B -- Novelty Statement

This variety is most similar to Blackjack F_1 . The major genetic difference is that this variety is open pollinated whereas Blackjack is a hybrid. The compact plants of this variety are approximately 15 - 20 cm shorter and 15 - 20 cm narrower than Blackjack F_1 and smaller than most other Zucchini. Third, fruits have a more uniform, cylindrical shape with less prominent ribs (barely visible) than Blackjack. Fourth, yield is higher than most Zucchini hybrids -- even though plants are smaller. Comparative marketable fruit yields are indicated below:

RF 8/6/79

#77-2169 ('Black Magic')	3.18 kg	ave.	per	plant
Aristocrat F_1	2.86 kg	"	"	"
Diplomat F_1	3.04 kg	"	"	"

EXHIBIT D -- Additional Description of the Variety

'Black Magic'
RF 8/6/79

The small sturdy plants of this variety have an open growth habit with short spines. This nearly spineless plant character greatly reduces personal injury during harvest, speeds harvest and also reduces fruit injury during growth and harvest. The smooth glossy fruits are uniform, very straight and cylindrical but skin rather easily due to their tenderness. The small seed cavity and small seed size may reduce the number of harvests needed since quality of larger fruits is still acceptable. The easy fruit separation from the plants prevents fruit breakage, speeds harvesting and ultimately increases the yield. Maturity date is very similar to its parent as well as recent hybrids.

OBJECTIVE DESCRIPTION OF VARIETY
PUMPKIN/SQUASH/GOURD (CUCURBITA SPP.)

NAME OF APPLICANT(S)

CHARTER RESEARCH, INC.

ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code)

P. O. Box YY
Twin Falls, Idaho 83301

VARIETY NAME OR TEMPORARY
DESIGNATION

77-2169 ('BLACK MAGIC')
R/S 8/6/79

FOR OFFICIAL USE ONLY

PVPO NUMBER

7800066

Place the appropriate number that describes the varietal character of this variety in the boxes below.

Place a zero in first box (e.g. or) when number is either 99 or less or 9 or less.

1. SPECIES:

1 = LAGENARIA 2 = MAXIMA 3 = MIXTA 4 = MOSCHATA 5 = PEPO 6 = OTHER (Specify) _____

2. KIND (According to use):

1 = PUMPKIN 2 = SQUASH 3 = GOURD

3. TYPE:

1 = SUMMER (Vegetable Marrow) 2 = WINTER (Boston Marrow)

4. COTYLEDON:

MM. LONG MM. WIDE

Apex: 1 = TAPERED 2 = ROUNDED 3 = NOTCHED Veining: 1 = OBSCURE 2 = PLAINLY VISIBLE
3 = PROMINENT

1 = LIGHT GREEN 2 = GRAY-GREEN 3 = MEDIUM GREEN 4 = DARK GREEN

5. PLANT:

1 = BUSH 2 = SEMI-BUSH 3 = LONG VINES 1 = PILOSE 2 = PRICKLY 3 = GLABROUS

6. MAIN STEM:

1 = ROUND 2 = ANGLED MM. DIAMETER AT MID-POINT OF FIRST INTERNODE CM. AVERAGE LENGTH

AVERAGE NUMBER OF INTERNODES

7. LEAVES:

Shape: 1 = OVATE 2 = ORBICULAR 3 = RENIFORM 4 = RETUSE Shape: 1 = NOT LOBED 2 = SHALLOW LOBED
3 = DEEP LOBED

Margin: 1 = ENTIRE 2 = DENTICULATE 3 = DENTATE Margin: 1 = FLAT 2 = FRILLED

CM. WIDE CM. LONG

Surface: 1 = SMOOTH 2 = BLISTERED

Dorsal Surface: } 1 = GLABROUS 2 = SOFT HAIRY 3 = BRISTLED
 Ventral Surface: }

1 = LIGHT GREEN 2 = GRAY-GREEN 3 = MEDIUM GREEN 4 = DARK GREEN 1 = NOT BLOTCHED 2 = BLOTCHED WITH GRAY

CM. PETIOLE LENGTH

8a. FLOWER - Pistillate:

CM. DIAMETER Ovary: 1 = DRUM-LIKE 2 = TURBinate 3 = FUSIFORM Pedicel: CM. LENGTH

Margin: 1 = STRAIGHT 2 = CURVED Margin: 1 = PLAIN 2 = FRILLED Sepals: MM. WIDTH Sepals: MM. LENGTH

Color: 1 = WHITE 2 = LEMON YELLOW 3 = MID-YELLOW 4 = DEEP YELLOW 5 = ORANGE

7800066

8b. FLOWER - Staminate:

1 6 Sepals: MM LENGTH

0 3 Sepals: MM WIDTH

1 7 Pedicel: CM LENGTH

5 Color: 1 = WHITE 2 = LEMON YELLOW 3 = MID-YELLOW 4 = DEEP YELLOW 5 = ORANGE

9. FRUIT (Market Maturity)

1 9 CM LENGTH

4 0 CM WIDTH (Stem end)

3 7 CM WIDTH (Blossom end)

0 2 3 5 GM AVERAGE WEIGHT

10 Shape according to variety type: 1 = ACORN 2 = BANANA 3 = BUTTERCUP 4 = BUTTERNUT
5 = CONNECTICUT FIELD 6 = CROOKNECK 7 = HUBBARD 8 = SCALLOP
9 = STRAIGHTNECK 10 = OTHER (Specify) Zucchini

3 Apex: 1 = DEPRESSED 2 = FLATTENED

3 Base: 3 = ROUNDED 4 = TAPER POINTED

1 Ribs: 1 = NONE 2 = INCONSPICUOUS 3 = PROMINANT

0 Rib Furrows: 1 = SHALLOW 2 = MEDIUM DEEP 0 Rib Furrows: 1 = NARROW 2 = MEDIUM WIDE 3 = WIDE

1 Fruit Surface: 1 = SMOOTH 2 = FINE WRINKLE 3 = SHALLOWLY WAVY

1 Warts: 1 = NONE 2 = FEW 3 = MANY

0 2 Blossom Scar Button: 1 = DEPRESSED 2 = SLIGHTLY EXTENDED 3 = RAISED ACORN

10. RIND

0 2 MM THICKNESS AT MEDIAL

1 1 = SOFT 2 = HARD 3 = WOODY & TOUGH

1 COLOR PATTERN: 1 = REGULAR 2 = IRREGULAR

COLORS: (Select two when necessary, i.e. Grayish-Buff)0 1 2 0 4
01 = WHITE 02 = CREAM 03 = YELLOW 04 = BUFF 05 = BROWN 06 = BRONZE 07 = GREEN 08 = ORANGE
08 = PINK 10 = RED 11 = BLUE 12 = GRAY 13 = BLACK 14 = OTHER (Specify) _____

1 3 0 7 SELF OR GROUND

PATTERN:

LOCATION OF PATTERN COLORS:

0 0 0 0 STREAKS

0 0 0 0 STRIPES

0 0 0 0 SPOTS

0 0 0 0 BLOTCHES

1 3 0 7 LACE

OTHER (Specify) _____

0 1 = NOT SPECIFIC

0 2 = STEM END HALF

0 3 = BLOSSOM END HALF

0 4 = ACORN OR TORBAN

5 = OTHER (Specify) _____

11. FLESH

0 5 Thickness: MM BLOSSOM END

0 8 Thickness: MM MEDIAL

1 6 Thickness: MM STEM END

7800066

<input type="text" value="1"/> Texture: 1 = FINE 2 = GRANULAR 3 = LUMPY 4 = STRINGY	<input type="text" value="2"/> Texture: 1 = SOFT 2 = FIRM 3 = BRITTLE
<input type="text" value="2"/> Texture: 1 = DRY 2 = MOIST 3 = JUICY	<input type="text" value="2"/> Flavor: 1 = INSIPID 2 = SLIGHTLY SWEET 3 = SWEET
<input type="text" value="3"/> Quality: 1 = INEDIBLE 2 = GOOD 3 = EXCELLENT	<input type="text" value="0"/> <input type="text" value="2"/> <input type="text" value="0"/> <input type="text" value="7"/> Color: (Choose from ring colors above)

12. SEED CAVITY: (Sectioned apex to base)

<input type="text" value="1"/> <input type="text" value="4"/> CM LENGTH	<input type="text" value="2"/> <input type="text" value="3"/> CM WIDTH
<input type="text" value="1"/> Location: 1 = CONFORMS TO FRUIT SHAPE 2 = NEAR APEX 3 = APEX ONLY	<input type="text" value="3"/> Placental Tissue: 1 = SPARSE 2 = MODERATELY ABUNDANT 3 = ABUNDANT
	<input type="text" value="1"/> Center Core: 1 = INCONSPICUOUS 2 = PROMINANT

13. FRUIT STALKS

<input type="text" value="2"/> <input type="text" value="5"/> CM LENGTH	<input type="text" value="3"/> <input type="text" value="0"/> CM DIAMETER
<input type="text" value="1"/> 1 = ROUND 2 = IRREGULAR	<input type="text" value="1"/> 1 = NOT TWISTED 2 = TWISTED
<input type="text" value="3"/> Texture: 1 = SOFT 2 = SPONGY 3 = HARD	<input type="text" value="2"/> 1 = NOT TAPERED 2 = TAPERED
<input type="text" value="2"/> Surface: 1 = SMOOTH 2 = ROUGH 3 = SPINY	<input type="text" value="1"/> 1 = STRAIGHT 2 = SLIGHTLY CURVED 3 = CURVED
<input type="text" value="2"/> Detaches: 1 = EASILY 2 = WITH DIFFICULTY	<input type="text" value="3"/> Farrows: 1 = NONE 2 = SHALLOW 3 = DEEP
	<input type="text" value="2"/> Attachment End: 1 = NOT EXPANDED 2 = SLIGHTLY EXPANDED 3 = EXPANDED
	<input type="text" value="3"/> Color: 1 = LIGHT GREEN 2 = MEDIUM GREEN 3 = DARK GREEN

14. SEEDS

<input type="text" value="1"/> <input type="text" value="5"/> MM LENGTH	<input type="text" value="0"/> <input type="text" value="9"/> MM WIDTH	<input type="text" value="0"/> <input type="text" value="3"/> MM THICKNESS
<input type="text" value="3"/> Face Surface: 1 = SMOOTH 2 = WRINKLED 3 = SLIGHTLY PITTED 4 = SCALY 5 = CREASED	<input type="text" value="2"/> Color: 1 = WHITE 2 = CREAM 3 = BUFF 4 = BROWN	
<input type="text" value="1"/> Luster: 1 = DULL 2 = GLOSSY	<input type="text" value="2"/> Margin: 1 = STRAIGHT 2 = CURVED 3 = TWISTED	
<input type="text" value="2"/> Margin: 1 = ROUNDED 2 = WEDGE-LIKE		
<input type="text" value="2"/> Separation from pulp: 1 = EASY 2 = MODERATELY EASY 3 = DIFFICULT	<input type="text" value="1"/> <input type="text" value="5"/> GMS PER 100 SEEDS	
<input type="text" value="1"/> <input type="text" value="7"/> <input type="text" value="5"/> NO. SEEDS PER FRUIT	<input type="text" value="1"/> 1 = NORMAL 2 = NAKED	

15. DISEASE RESISTANCE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

<input type="text" value="0"/> POWDERY MILDEW	<input type="text" value="0"/> CUCUMBER MOSAIC	<input type="text" value="0"/> SQUASH MOSAIC
<input type="text" value="0"/> WATERMELON MOSAIC	<input type="text" value="0"/> OTHER (Specify) _____	

16. INSECT RESISTANCE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

<input type="text" value="0"/> SQUASH BUG	<input type="text" value="0"/> SQUASH BORER	<input type="text" value="0"/> OTHER (Specify) _____
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17. INDICATE A VARIETY MOST CLOSELY RESEMBLING THAT SUBMITTED FOR EACH CHARACTER

CHARACTER	VARIETY	CHARACTER	VARIETY
PLANT HABIT	Seneca Gourmet F ₁	FRUIT SHAPE	Blackjack F ₁
LEAF TYPE	Blackjack F ₁	FRUIT COLOR	"
FLOWER TYPE	"	CULINARY TYPE	"

REFERENCES

- Currence, T. M. 1954. Vegetable Crops Breeding, Department of Horticulture, University of Minnesota.
- Tapley, W.T., Enzie, W.D. and Van Eseltine, G. P., 1937. Vegetables of New York: The Cucurbits 1 (4). J.B. Lyon Company, Albany, New York.
- USDA Farmess Bulletin No. 1086. 1969. Growing Pumpkins and Squashes.
- Whitaker, T.W. and G.N. Davies. Cucurbits. Interscience Publications, Inc., New York, N.Y.

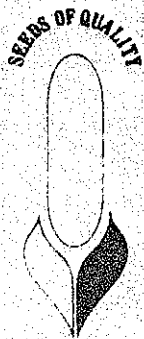


EXHIBIT D

MUSSER SEED COMPANY, Inc.

TWIN FALLS, IDAHO P. O. BOX 1406 (208) 734-2377
351 SOUTH PARK AVENUE WEST 83301
SANTA MARIA, CALIF. P. O. BOX 527 (805) 925-4941
706 SOUTH OAKLEY AVENUE 93454

August 10, 1979

Mr. Robert Snyder
UNITED STATES DEPT. OF AGRICULTURE
Agricultural Marketing Service
Beltsville, Maryland 20705

Dear Mr. Snyder:

Subject: Squash Application No. 7800066, '77-2169'

This letter is in reply to your question concerning rind color under item 10 of Exhibit C.

On nearly mature or mature fruits (4-7 weeks old) the lace pattern and ground colors are both black-green and not distinguishable except on the ground spot (where fruit lays on soil). There the lace pattern is medium green and the ground color is greenish yellow.

On prime size fruits for market (6-8" long), the lace pattern is black-green and the ground color is dark green. The lace pattern is very fine and dense over the entire fruit so that the dark-green ground color on the dorsal side is barely distinguishable from the lace pattern. On the ventral side, the ground spot (where the fruit firmly touches the soil) has a medium green lace pattern and the ground color is yellowish green.

I believe that you were previously informed that this variety has been named "Black Magic".

In case you need fruit samples, these should be available until mid-September.

My new address is as follows: Dr. Paul H. Yorty
% MUSSER SEED CO, INC.
P.O. Box 1406
Twin Falls, Idaho 83301

Charter Research has consolidated with Musser Seed Co. as of 7/1/79.

Sincerely,

PAUL YORTY
Research Geneticist
Musser Seed Co., Inc.

PY/mw

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